

Name _____

Numbers in the Thousands

P 1-1

Write each number in standard form.

1.



2. 8 ten thousands + 4 thousands +
9 hundreds + 4 tens + 7 ones

Write the word form and tell the value of the underlined digit for each number.

3. 76,239

4. 823,774

5. **Number Sense** Write the number that has 652 in the ones period and 739 in the thousands period.

During a weekend at the Movie Palace Theaters, 24,875 tickets were sold. Add the following to the number of tickets sold.

6. 100 tickets _____

7. 1,000 tickets _____

Test Prep

8. Which of the following numbers has a 5 in the ten-thousands place?

A. 652,341

B. 562,341

C. 462,541

D. 265,401

9. **Writing in Math** Explain how you know the 6 in the number 364,021 is not in the thousands place.

Name _____

Changing Places

E 1-1
NUMBER SENSE

Look at the chart. Something has happened to the place value of each starting number. Write the part that is missing in each row. Use the sample to help you.

	Starting Number	Change Place	Ending Number
	1,426	2 tens <i>less</i>	1,406
1.	73,458	3 thousands <i>more</i>	
2.		5 ones <i>less</i>	496,350
3.	91,858		91,758
4.	8,537	6 tens <i>more</i>	
5.		4 hundred thousands <i>more</i>	754,311
6.	172,618		102,618
7.	342		9,342
8.		1 ten <i>less</i>	254,008
9.	121,021	11 tens <i>more</i>	
10.	594,637	1 ten thousand <i>more</i>	
11.		3 thousands <i>less</i>	723,432
12.	99,999		100,009

Name : _____

Score : _____

Teacher : _____

Date : _____

Expanded Notation Using Decimals

Write each number in expanded notation.

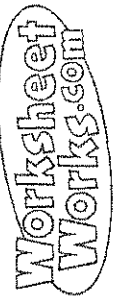
- 1) 5,687.18 = _____
- 2) 6,261.47 = _____
- 3) 3,819.40 = _____
- 4) 9,856.81 = _____
- 5) 3,033.82 = _____
- 6) 6,422.61 = _____
- 7) 6,576.13 = _____
- 8) 4,081.44 = _____
- 9) 3,626.42 = _____
- 10) 3,210.25 = _____

Write Each Number in Standard Form.

- 11) _____ = $(5 \times 1000) + (5 \times 100) + (4 \times 10) + (0 \times 1) + (5 \times .1) + (0 \times .01)$
- 12) _____ = $(9 \times 1000) + (1 \times 100) + (2 \times 10) + (1 \times 1) + (1 \times .1) + (4 \times .01)$
- 13) _____ = $(2 \times 1000) + (0 \times 100) + (9 \times 10) + (4 \times 1) + (7 \times .1) + (1 \times .01)$
- 14) _____ = $(5 \times 1000) + (4 \times 100) + (9 \times 10) + (2 \times 1) + (2 \times .1) + (9 \times .01)$
- 15) _____ = $(8 \times 1000) + (6 \times 100) + (7 \times 10) + (0 \times 1) + (5 \times .1) + (7 \times .01)$
- 16) _____ = $(2 \times 1000) + (2 \times 100) + (4 \times 10) + (1 \times 1) + (3 \times .1) + (8 \times .01)$
- 17) _____ = $(8 \times 1000) + (6 \times 100) + (8 \times 10) + (2 \times 1) + (7 \times .1) + (9 \times .01)$
- 18) _____ = $(5 \times 1000) + (9 \times 100) + (1 \times 10) + (8 \times 1) + (9 \times .1) + (2 \times .01)$
- 19) _____ = $(1 \times 1000) + (7 \times 100) + (8 \times 10) + (2 \times 1) + (5 \times .1) + (3 \times .01)$
- 20) _____ = $(9 \times 1000) + (5 \times 100) + (4 \times 10) + (1 \times 1) + (8 \times .1) + (8 \times .01)$



ch1-1



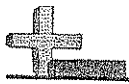
Number Forms

Name: _____

Date: _____

Complete the table with the correct number forms.

Word Form	Short Word Form	Standard Form	Expanded Form
(1)			$5,000,000 + 100,000 + 10,000 + 4,000 + 900 + 80 + 3$
(1) six million, nine hundred eighty-three thousand, one hundred thirty			
(1)	2 million, 46 thousand, 158		
(1)		8,679,406	
(1)			$4,000,000 + 400,000 + 10,000 + 9,000 + 10$
(1) two hundred eighty-eight thousand, two hundred fifty-one			



Examining Place Value

Name: _____

ch1-3

Determine which letter best answers the question.

Answers

- 1) Which number has a digit in the tens place that is exactly three times the value of the digit in the thousands place.
A. 542,861 B. 6,487 C. 33,571 D. 5,481
- 2) Which number has a digit in the hundreds place that is exactly four times the value of the digit in the ones place.
A. 825,617 B. 4,728,461 C. 3,589 D. 6,748,952
- 3) Which number has a digit in the tens place that is exactly four times the value of the digit in the thousands place.
A. 4,691 B. 682,584 C. 24,796 D. 3,784,496
- 4) Which number has a digit in the thousands place that is exactly four times the value of the digit in the tens place.
A. 128,827 B. 9,647 C. 8,179,236 D. 9,831
- 5) Which number has a digit in the ones place that is exactly four times the value of the digit in the thousands place.
A. 156,839 B. 8,729 C. 289,349 D. 2,478
- 6) Which number has a digit in the thousands place that is exactly three times the value of the digit in the hundreds place.
A. 3,127 B. 5,878 C. 5,981 D. 854,321
- 7) Which number has a digit in the tens place that is exactly twice the value of the digit in the thousands place.
A. 136,596 B. 344,582 C. 248,593 D. 9,395
- 8) Which number has a digit in the ones place that is exactly four times the value of the digit in the thousands place.
A. 7,422,638 B. 1,386,279 C. 4,139,269 D. 5,846,719
- 9) Which number has a digit in the hundreds place that is exactly three times the value of the digit in the thousands place.
A. 61,381 B. 7,456 C. 65,841 D. 44,767
- 10) Which number has a digit in the ones place that is exactly twice the value of the digit in the hundreds place.
A. 17,639 B. 8,271,959 C. 1,458 D. 712,789

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Name _____

Place-Value Patterns

P 1-3

Name each number in two different ways.

1. 300 _____

2. 2,400 _____

3. 67,000 _____

Reasoning Carlos has 1,300 stamps in his stamp collection. He is planning on putting his collection into stamp books. How many pages will he have filled if he puts

4. 10 stamps on each page? _____

5. 100 stamps on each page? _____

Look for a pattern. Find the next three numbers.

6. 4,017 4,027 4,037 _____

7. 11,213 11,313 11,413 _____

Test Prep

8. Which are the next three numbers in the pattern?

2,071 2,141 2,211

A. 2,021 2,041 2,061

B. 2,261 2,311 2,361

C. 2,281 2,351 2,421

D. 2,311 2,411 2,511

9. **Writing in Math** Describe the place-value blocks you could use to show 1,415.



Understanding Digit Value and Place Value

Name: _____

ch/-3a

Determine which letter best answers each question.

Answers

1) Which number has a digit in its tens place that is less than 6?

- A. 3,481
- B. 3,199
- C. 6,384
- D. 6,521

2) Which number has a digit in its ones place that is greater than 5?

- A. 9,287
- B. 4,362
- C. 3,393
- D. 7,223

3) Which number has a digit in its ones place that is greater than 2?

- A. 7,731
- B. 8,978
- C. 6,861
- D. 5,151

4) Which number has a digit in its ones place that is less than 6?

- A. 9,347
- B. 2,220
- C. 7,937
- D. 9,257

5) Which number has a digit in its tens place that is greater than 7?

- A. 2,963
- B. 4,818
- C. 7,694
- D. 2,969

6) Which number has a digit in its hundreds place that is less than 4?

- A. 1,999
- B. 4,776
- C. 5,853
- D. 7,148

7) Which number has a digit in its tens place that is less than 4?

- A. 6,672
- B. 6,567
- C. 4,171
- D. 3,722

8) Which number has a digit in its thousands place that is greater than 7?

- A. 4,872
- B. 2,686
- C. 9,833
- D. 2,947

9) Which number has a digit in its thousands place that is less than 8?

- A. 9,443
- B. 9,743
- C. 9,741
- D. 7,442

10) Which number has a digit in its hundreds place that is less than 8?

- A. 9,939
- B. 3,982
- C. 7,572
- D. 6,946

11) Which number has a digit in its hundreds place that is greater than 3?

- A. 7,289
- B. 1,287
- C. 4,228
- D. 1,599

12) Which number has a digit in its ones place that is greater than 6?

- A. 7,675
- B. 5,111
- C. 7,598
- D. 2,812

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____
- 11. _____
- 12. _____

Name _____

Follow the Leader

E 1-5
PATTERNS

Find the path to the finish line. You may only travel to a greater number. You may not move diagonally. Color the boxes as you find your way.

Start

1	0	3	17,642	7	1,543	1,727	1,848	18,603
7	10	9	183	1,572	1,600	1,847	1,849	3,722
6	26	15	205	206	955	842	763	7,026
31	49	37	207	444	701	83	8,303	8,103
62	73	112	150	35	697	98	9,265	8,100
17	59	97	3	9,621	14	19,423	15,211	12,964
12,043	703	84	12,652	30,654	7,342	19,464	1,643	1,673
1,334	945	3	7,003	632	948	21,190	23,023	25,901

Finish

Rounding Numbers

P 1-6

Round each number to the nearest thousand and ten thousand.

1. 68,354 _____
2. 857,836 _____
3. 6,172,438 _____

Round each number to the nearest hundred thousand.

4. 782,954 _____
5. 5,416,755 _____

6. Round the height of Mount Cameroon to the nearest thousand.

African Mountains

Mountain	Height (in feet)
Mount Kilimanjaro	19,340
Mount Cameroon	13,435
Mount Kenya	17,058
Mount Meru	14,979

7. Round the height of Mount Kilimanjaro to the nearest ten thousand.

Test Prep

8. Which is 346,759 rounded to the nearest ten thousand?
A. 300,000 B. 346,000 C. 350,000 D. 400,000
9. **Writing in Math** Explain how you would round 265,588 to the nearest ten thousand.

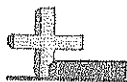


Number Rounding

Name: _____ Date: _____

Answer each of the problems below by rounding the values to the correct decimal place.

- (1) Round 41,015,517 to the nearest ten thousand. _____
- (2) Round 8,591.6875 to the nearest one. _____
- (3) Round 6,530,850 to the nearest thousand. _____
- (4) Round 5,221,747 to the nearest thousand. _____
- (5) Round 462,142,410 to the nearest hundred thousand. _____
- (6) Round 71,343 to the nearest hundred. _____
- (7) Round 85,842,116 to the nearest ten thousand. _____
- (8) Round 617,301 to the nearest hundred. _____
- (9) Round 1,594,340 to the nearest thousand. _____
- (10) Round 6,264,923 to the nearest thousand. _____
- (11) Round 883,348,698 to the nearest hundred thousand. _____
- (12) Round 429,179,768 to the nearest hundred thousand. _____
- (13) Round 265,930,636 to the nearest hundred thousand. _____
- (14) Round 910.52147 to the nearest tenth. _____
- (15) Round 8,075 to the nearest ten. _____
- (16) Round 21,004,786 to the nearest ten thousand. _____
- (17) Round 5,717,061 to the nearest thousand. _____
- (18) Round 674,391 to the nearest hundred. _____
- (19) Round 9,233.7645 to the nearest one. _____



Finding Sums - With Rounding (Word)

Name: _____

ch1-6,8

Determine the sum to the following problems.

- 1) At the dog show there were 839 large dogs and 840 small dogs. To the nearest ten, how many dogs were at the dog show?
- 2) A donation center received 103 cans of corn and 402 cans of peas. To the nearest hundred, how many cans did they receive total?
- 3) Carl and Amy were collecting cans for recycling. Carl collected 346 cans and Amy collected 673. To the nearest hundred, what is the total number of cans they collected?
- 4) In one month a furniture store sold 268 plastic chairs and 283 wooden chairs. To the nearest hundred, how many chairs did they sell total?
- 5) Vanessa was downloading apps to her phone. The first app she downloaded was 748 kb and the second was 341 kb. To the nearest ten, what was the total size (in kb) of all the apps she downloaded?
- 6) A cookie company held a poll asking customers their favorite type of cookie. 712 people said chocolate chip and 148 said oatmeal. To the nearest ten, what is the combined number of votes for both cookies?
- 7) Katie was preparing for a marathon. In the morning she jogged 540 meters and in the afternoon she jogged another 495 meters. To the nearest ten, how many meters did she jog total?
- 8) A candy company sells 711 boxes of sugar candy and 958 boxes of chocolate candy every day. To the nearest ten, what is the sum of the boxes of candy they sell?
- 9) A chef was buying different soups. She bought 450 cans of chicken soup and 441 cans of mushroom soup. To the nearest hundred, how many can of soup did she buy all together?
- 10) Larry was reading through his favorite book series. The first book he read had 995 pages and the next book had 888 pages. To the nearest hundred, how many pages were in both books?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Name _____

Using Money to Understand Decimals

P 1-9

1. $2.18 =$ _____ ones + _____ tenths + _____ hundredths

$\$2.18 =$ _____ dollars + _____ dimes + _____ pennies

2. $9.27 =$ _____ ones + _____ hundredths

$\$9.27 =$ _____ dollars + _____ pennies

3. $7.39 =$ _____ ones + _____ tenths + _____ hundredths

$\$7.39 =$ _____ dollars + _____ dimes + _____ pennies

4. **Number Sense** Write 3 dollars, 9 dimes, and 5 pennies with a dollar sign and decimal point.

5. **Number Sense** If you have 5 tenths of a dollar, how much money do you have?

6. Lana wants to buy a book for $\$6.95$. How can she pay for the book using only dollars, dimes, and nickels?

Test Prep

7. How would you write sixteen and twenty-five hundredths with a decimal point?

A. 16.025

B. 16.25

C. 162.5

D. 1,625

8. **Writing in Math** Which is greater, 4 tenths and 2 hundredths or 2 tenths and 4 hundredths? Explain.

Name _____

Making Change

P 1-11

Tell how you would give change from a \$20.00 bill for each purchase. List the bills and coins you would use, and give the amount with a dollar sign and decimal point.

1. \$13.55 _____

2. \$8.30 _____

Tell how much change you should get from \$10.00 when you buy the



\$4.79



\$6.28



\$7.44



\$8.33

3. art book. _____

4. crafts book. _____

5. music book. _____

6. sports book. _____

7. **Number Sense** Suppose you have \$10. Do you have enough money to buy the music book and the art book? Explain.

Test Prep

8. Which of the following is the change you would get when you buy an item that costs \$1.29 with two \$1 bills?

A. \$0.72

B. \$0.71

C. \$0.69

D. \$0.61

9. **Writing in Math** Imagine that you work in a record store. A customer gives you a \$20.00 bill for a CD that costs \$15.95. How much change will you give the customer? Explain.



Determining Change - Multiple Items, One Price

Name: _____

chl-11

Determine the change you would receive for each of the problems.

1) Paul bought two toy cars at the toy store. If each toy car cost \$5.85 and he paid with a twenty dollar bill, how much change should he get back?

2) Roger bought two muffins at a bake sale. If each muffin cost \$3.25 and he paid with a twenty dollar bill, how much change should he get back?

3) Nancy bought five pens at the school shop. If each pen cost \$1.00 and she paid with a twenty dollar bill, how much change should she get back?

4) Carol bought two soft back books at the book store. If each soft back book cost \$5.75 and she paid with a twenty dollar bill, how much change should she get back?

5) Gwen bought two books at the school's book fair. If each book cost \$3.60 and she paid with a twenty dollar bill, how much change should she get back?

6) Sam bought five strawberries at a fruit stand. If each strawberry cost \$3.75 and he paid with a twenty dollar bill, how much change should he get back?

7) Mike bought two posters at the game store. If each poster cost \$1.45 and he paid with a twenty dollar bill, how much change should he get back?

8) Bill bought four screw drivers at a hardware store. If each screw driver cost \$3.95 and he paid with a twenty dollar bill, how much change should he get back?

9) Oliver bought four plates at a store. If each plate cost \$0.20 and he paid with a twenty dollar bill, how much change should he get back?

10) Rachel bought three ornaments at the Santa Store. If each ornament cost \$1.55 and she paid with a twenty dollar bill, how much change should she get back?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Determining Change - Multiple Items, Multiple Prices

Name: _____

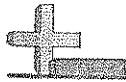
ch 1-11a

Determine the change you would receive for each of the problems.

Answers

- 1) Vanessa bought one piece of chocolate and two gummy worms at the candy store. The piece of chocolate cost \$3.70 and the gummy worms cost \$3.20 a piece. If she paid with a twenty dollar bill, how much change should she get back?
- 2) Katie bought one hard cover book, three soft back books and two bookmarks at the book store. The hard cover book cost \$5.20, the soft back books cost \$0.65 a piece and each of the bookmarks were \$0.85. If she paid with a twenty dollar bill, how much change should she get back?
- 3) Gary bought one cookie, two brownies and three muffins at a bake sale. The cookie cost \$3.80, the brownies cost \$2.10 a piece and each of the muffins were \$0.25. If he paid with a twenty dollar bill, how much change should he get back?
- 4) Vince bought one baseball, one soccer ball and one football at the sports store. The baseball cost \$5.45, the soccer ball cost \$1.95 and the football was \$1.75. If he paid with a twenty dollar bill, how much change should he get back?
- 5) Isaac bought three games and two strategy guides at the game store. The games cost \$1.85 each and the strategy guides cost \$2.25 a piece. If he paid with a twenty dollar bill, how much change should she get back?
- 6) Amy bought one bag of chips and four cans of cheese dip at the grocery store. The bag of chips cost \$5.20 and the cans of cheese dip cost \$0.35 a piece. If she paid with a twenty dollar bill, how much change should she get back?
- 7) Debby bought three cases, one screen protector and one charger at the phone store. The cases cost \$1.50 each, the screen protector cost \$3.25 and the charger was \$1.50. If she paid with a twenty dollar bill, how much change should she get back?
- 8) Adam bought one hammer and two wrenches at a hardware store. The hammer cost \$5.45 and the wrenches cost \$2.95 a piece. If he paid with a twenty dollar bill, how much change should she get back?
- 9) Jeff bought one strawberry, two cherries and one apple at a fruit stand. The strawberry cost \$0.60, the cherries cost \$1.40 a piece and the apple was \$2.40. If he paid with a twenty dollar bill, how much change should he get back?
- 10) Janet bought one pencil, three pens and one eraser at the school shop. The pencil cost \$1.10, the pens cost \$0.35 a piece and the eraser was \$3.50. If she paid with a twenty dollar bill, how much change should she get back?

1.	_____
2.	_____
3.	_____
4.	_____
5.	_____
6.	_____
7.	_____
8.	_____
9.	_____
10.	_____



Determining Change - Multiple Items, Multiple Prices Name:

ch 1-11b

Determine which letter best answers the question.

Answers

- 1) Zoe bought one hamburger, five hotdogs and one soda at the state fair. The hamburger cost \$4.60, the hotdogs cost \$0.30 a piece and the soda was \$0.95. If she paid with a twenty dollar bill, how much change should she get back?
- A. \$12.65
B. \$11.65
C. \$12.95
D. \$13.60
- 2) Mike bought two board games and three action figures at the toy store. The board games cost \$3.30 each and the action figures cost \$2.60 a piece. If he paid with a twenty dollar bill, how much change should she get back?
- A. \$6.20
B. \$5.60
C. \$4.70
D. \$5.50
- 3) Chloe bought one bag of chips and two cans of cheese dip at the grocery store. The bag of chips cost \$4.60 and the cans of cheese dip cost \$0.10 a piece. If she paid with a twenty dollar bill, how much change should she get back?
- A. \$14.50
B. \$15.20
C. \$16.35
D. \$15.45
- 4) Haley bought three posters and three books at the school's book fair. The posters cost \$0.55 each and the books cost \$1.65 a piece. If she paid with a twenty dollar bill, how much change should she get back?
- A. \$13.40
B. \$14.05
C. \$12.80
D. \$13.45
- 5) Nancy bought two hard cover books and one soft back book at the book store. The hard cover books cost \$4.50 each and the soft back book cost \$3.50. If she paid with a twenty dollar bill, how much change should she get back?
- A. \$8.45
B. \$8.05
C. \$7.50
D. \$6.35
- 6) Will bought two popcorns and two sodas at the theater. The popcorns cost \$2.70 each and the sodas cost \$2.20 a piece. If he paid with a twenty dollar bill, how much change should she get back?
- A. \$10.35
B. \$9.05
C. \$10.00
D. \$10.20

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____



Ordering Decimals (Visually)

Name: _____

ch1-12

Put the following boxes in order from least to greatest based on the amount shaded.

Answers

Ex. A, B, C, D

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

1) A.	B.	C.	D.	Smallest 0.1 - A 0.41 - B 0.5 - C 0.62 - D Largest
2) A.	B.	C.	D.	Smallest Largest
3) A.	B.	C.	D.	Smallest Largest
4) A.	B.	C.	D.	Smallest Largest
5) A.	B.	C.	D.	Smallest Largest
6) A.	B.	C.	D.	Smallest Largest
7) A.	B.	C.	D.	Smallest Largest
8) A.	B.	C.	D.	Smallest Largest



Ordering Decimals

Name: _____

ch 1-12a

Determine which letter best answers the question.

Answers

- 1) Determine which letter best shows the numbers ordered from greatest to least.
- A. 16.81, 15.79, 14.58, 13.86
B. 13.86, 14.58, 15.79, 16.81
C. 16.81, 15.79, 13.86, 14.58
D. 13.86, 14.58, 16.81, 15.79
- 2) Determine which letter best shows the numbers ordered from least to greatest.
- A. 19.17, 17.31, 17.2, 15.96
B. 15.96, 17.2, 17.31, 19.17
C. 15.96, 17.2, 19.17, 17.31
D. 19.17, 17.31, 15.96, 17.2
- 3) Determine which letter best shows the numbers ordered from greatest to least.
- A. 167.28, 167.75, 169.4, 169.55
B. 167.28, 167.75, 169.55, 169.4
C. 169.55, 169.4, 167.75, 167.28
D. 169.55, 169.4, 167.28, 167.75
- 4) Determine which letter best shows the numbers ordered from greatest to least.
- A. 17.16, 17.3, 17.89, 17.97
B. 17.16, 17.3, 17.97, 17.89
C. 17.97, 17.89, 17.16, 17.3
D. 17.97, 17.89, 17.3, 17.16
- 5) Determine which letter best shows the numbers ordered from greatest to least.
- A. 14.8, 14.22, 13.54, 13.73
B. 14.8, 14.22, 13.73, 13.54
C. 13.54, 13.73, 14.8, 14.22
D. 13.54, 13.73, 14.22, 14.8
- 6) Determine which letter best shows the numbers ordered from greatest to least.
- A. 100.09, 100.79, 101.54, 101.8
B. 101.8, 101.54, 100.79, 100.09
C. 100.09, 100.79, 101.8, 101.54
D. 101.8, 101.54, 100.09, 100.79
- 7) Determine which letter best shows the numbers ordered from least to greatest.
- A. 25.71, 24.24, 23.57, 23.69
B. 25.71, 24.24, 23.69, 23.57
C. 23.57, 23.69, 24.24, 25.71
D. 23.57, 23.69, 25.71, 24.24
- 8) Determine which letter best shows the numbers ordered from greatest to least.
- A. 19.2, 17.46, 17.3, 15.11
B. 19.2, 17.46, 15.11, 17.3
C. 15.11, 17.3, 17.46, 19.2
D. 15.11, 17.3, 19.2, 17.46
- 9) Determine which letter best shows the numbers ordered from least to greatest.
- A. 164.98, 164.93, 164.39, 164.72
B. 164.39, 164.72, 164.93, 164.98
C. 164.39, 164.72, 164.98, 164.93
D. 164.98, 164.93, 164.72, 164.39
- 10) Determine which letter best shows the numbers ordered from greatest to least.
- A. 32.27, 31.5, 30.24, 30.22
B. 30.22, 30.24, 31.5, 32.27
C. 32.27, 31.5, 30.22, 30.24
D. 30.22, 30.24, 32.27, 31.5

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Name _____

Decimal Patterns

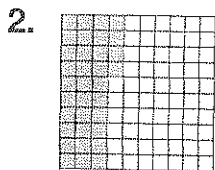
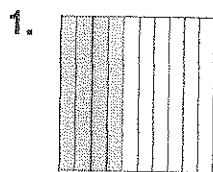
E 1-12
PATTERNS

Write the next two numbers in each pattern.

1. 0.2, 0.4, 0.6, _____, _____
2. thirty-three hundredths, thirty-four hundredths, thirty-five hundredths,
_____, _____
3. 1.7, 1.8, 1.9, _____, _____
4. fourteen hundredths, sixteen hundredths, eighteen hundredths,
_____, _____
5. 1.27, 1.24, 1.21, 1.18, 1.15, _____, _____
6. two tenths, twenty hundredths, three tenths, thirty hundredths, four tenths,
_____, _____
7. 1.45, 1.4, 1.35, 1.3, 1.25, _____, _____
8. three tenths, six tenths, nine tenths, one and two tenths, one and five tenths,
_____, _____
9. five tenths, forty-five hundredths, four tenths, thirty-five hundredths, three tenths,
_____, _____
10. 2.2, 2.0, 1.8, 1.6, 1.4, _____, _____
11. 0.09, 0.14, 0.19, 0.24, 0.29, _____, _____
12. thirty-seven hundredths, thirty-three hundredths, twenty-nine hundredths, twenty-five hundredths, twenty-one hundredths,
_____, _____

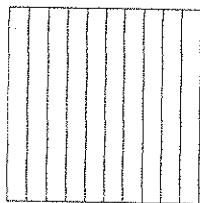
More About Decimals

Write the word form and decimal for each shaded part.

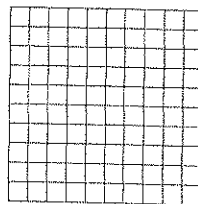


For each fact, shade a grid to show the part of the population of each country that lives in cities.

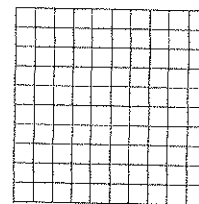
3. In Jamaica, 0.5 of the people live in cities.



4. Only 0.11 of the population of Uganda live in cities.

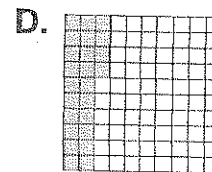
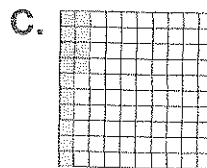
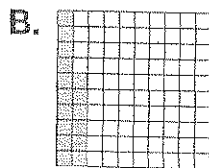
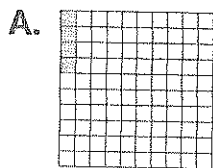


5. In Norway, 0.72 of the people live in cities.



Test Prep

6. Which grid shows fourteen hundredths?



7. **Writing in Math** Explain why one column in a hundredths grid is equal to one column in a tenths grid.

Name _____

Number Mazes

E 1-13
NUMBER SENSE

Follow the rules to find your way through the mazes.

1. You can only enter a square with a number whose digits add up to a sum that is greater than 30.

Start

93,219,043	115,321,501	74,028,341	172,218,415	485,216,004
412,859,032	26,708,346	9,204,853	421,008,233	64,851,140
821,013,011	72,800,213	332,554,207	83,584,012	212,874,710
581,294,117	45,814,318	206,562,421	18,211,436	20,091,848
18,291,416	628,453,281	137,215,413	34,185,614	149,321,902

Finish

2. You can only enter a square that has a digit in the ten-millions place that has a greater value than the ten-millions digit in the number in the square you moved from.

Start

11,003,572	918,457,628	210,598,631	24,691,003	938,655,091
594,226,818	85,064,315	101,204,839	139,003,520	315,421,097
773,726,732	42,101,103	519,316,480	43,804,611	286,995,041
28,451,846	365,211,000	388,518,031	654,224,318	802,324,018
426,689,432	118,504,219	791,023,421	48,201,519	75,221,133

Finish

Name: _____

1-1 -1-8 review

Compare. Write $>$ or $<$.

1. 2,346 2,436

4. 198 201

2. 15,983 16,352

5. 20,897 18,999

3. 935,261 953,262

6. 333,888 888,333

Round each number to the nearest thousand and hundred.

1. 28,263

2. 511,358

3. 1,789

4. 38,821

5. 865,378

Decide what form each number is written in.

1. One thousand, four hundred, thirty-two - _____

2. $300,000 + 40,000 + 1,000 + 500 + 20 + 9$ - _____

3. 278,441 - _____

What is the place value of the underline number?

1. 2,874

4. 472,063

2. 20,874

5. 258,788,738

3. 28,402

6. 106,319,200

How would you name these numbers in 2 different ways?

- | | | |
|------------|-------|-------|
| 1. 500 | _____ | _____ |
| 2. 4,800 | _____ | _____ |
| 3. 62,000 | _____ | _____ |
| 4. 850 | _____ | _____ |
| 5. 322,000 | _____ | _____ |
| 6. 18,000 | _____ | _____ |

Solve the word problem below.

Sara has 15 books to read in 5 days. Tiffany has 3 books to read. Scott has 12 books. How many more books does Sara have to read than Tiffany?

- What are the key facts?
- What is the question?
- Solve the problem and write the answer in a complete sentence.

Follow the directions below to solve the problems.

1. Write 10,283,800 in word form. _____

2. Write 340, 287, 201 in expanded form. _____

3. Write one hundred forty-seven thousand, sixty-two in standard form.

Name: _____

REVIEW B

1. Write the amount with a dollar sign and decimal point.

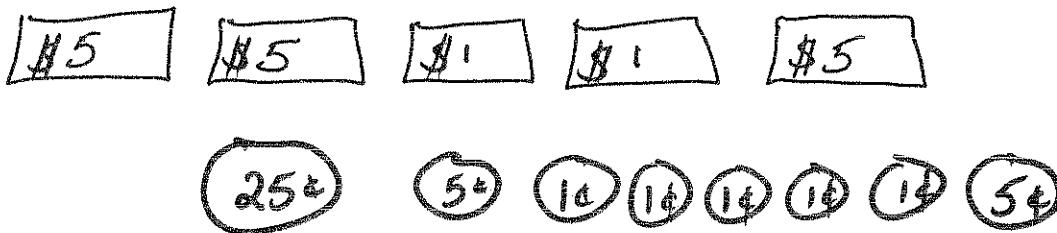
Three \$1 bills, 2 dimes, 18 pennies

2. Match the money amount with the bills and coins

\$3.51

- a. three \$1 bills, 5 dimes, 1 penny
- b. three \$1 bills, 6 dimes, 1 penny
- c. three \$1 bills, 50 dimes, 1 penny
- d. three \$1 bills, 5 dimes, 50 penny

3. Choose an amount of money below that matches the amount drawn.



- a. \$16.30
- b. \$15.30
- c. \$16.36
- d. \$17.40

4. Write the amount with a dollar sign and a decimal point

One \$10 bill, three \$1 bills, one dime, one nickel, and one penny.

- a. \$13.10
- b. \$12.16
- c. \$24.20
- d. \$13.16

5. Order from least to greatest.

- a. \$74.38\$47.83\$57.32\$48.00
- b. \$57.32\$48.00\$47.83\$74.38
- c. \$74.38\$57.32\$48.00\$47.83
- d. \$47.83\$48.00\$57.32\$74.38

6. Choose the correct decimal name for the money amount shown below.

\$7.59

- a. 7 ones; 9 tenths; 5 hundredths
- b. 7 ones; 5 tenths; 9 hundredths
- c. 55 hundredths; 7 tenths
- d. 7 ones; 99 hundredths

7. Which money amount does **NOT** come between **\$92.23** and **\$66.34**?

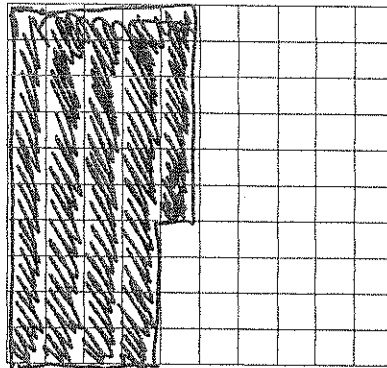
- a. \$88.56
- b. \$74.38
- c. \$56.43
- d. \$69.81

8. Choose the correct decimal that matches its name

5 tens; 3 ones; 7 tenths; 2 hundredths

- a. 53.72
- b. 35.72
- c. 35.27
- d. 53.27

9. Look at the shaded grid showing a decimal.



- a. Write the word name for the shaded part of the grid above.
- b. Write the decimal for the shaded part of the grid above.

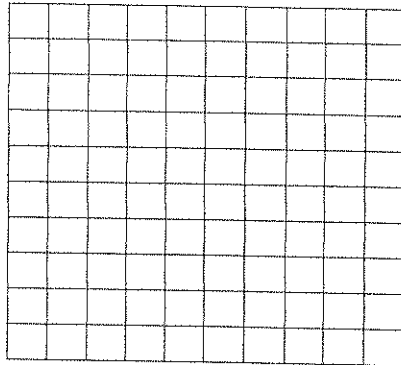
Write each amount with a dollar sign and decimal point.

1. One \$1 bill, 5 dimes, 4 pennies

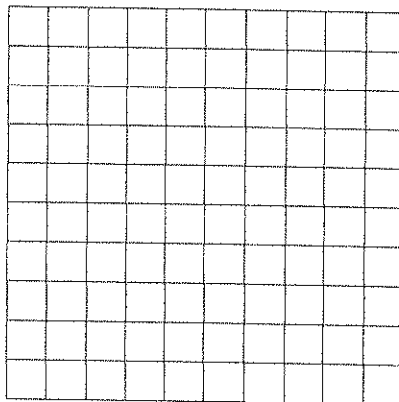
2. One \$10 bill, 5 quarters, 2 nickels

Draw to shade a grid to show each decimal.

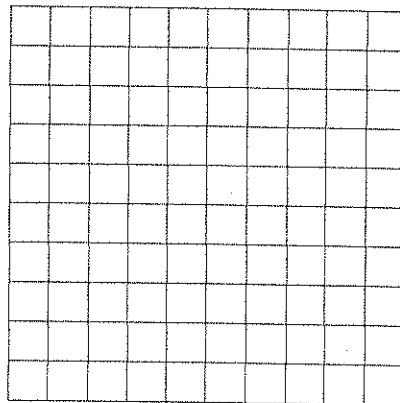
1. .7



2. .68



3. .30



1. How many tenths are in 34.75?

Complete

1. \$5.67 _____ dollars + _____ dimes + _____ pennies

2. 5.67 _____ ones + _____ tenths + _____ hundredths